

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050894.D
 Acq On : 27 Aug 2018 13:19
 Operator : MD\SY
 Sample : J4621-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 12:20:24 PM

Quant Time: Aug 28 02:30:03 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1009617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	865742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321966	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	398041	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.50%		
35) Dibromofluoromethane	7.59	113	386119	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.14%		
50) Toluene-d8	10.09	98	1402687	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.42%		
62) 4-Bromofluorobenzene	12.40	95	406713	40.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	81.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2783	0.26	ug/l	98
11) Tert butyl alcohol	4.80	59	47382	96.74	ug/l	100
16) Acetone	3.82	43	269365	144.92	ug/l	100
18) Methyl Acetate	4.33	43	7114	0.98	ug/l #	75
20) Methylene Chloride	4.56	84	7399m	0.85	ug/l	
25) 2-Butanone	6.84	43	61304	19.78	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	13750	1.96	ug/l	94
59) 2-Hexanone	10.75	43	20934	4.48	ug/l	96
95) Naphthalene	15.13	128	42421	8.34	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

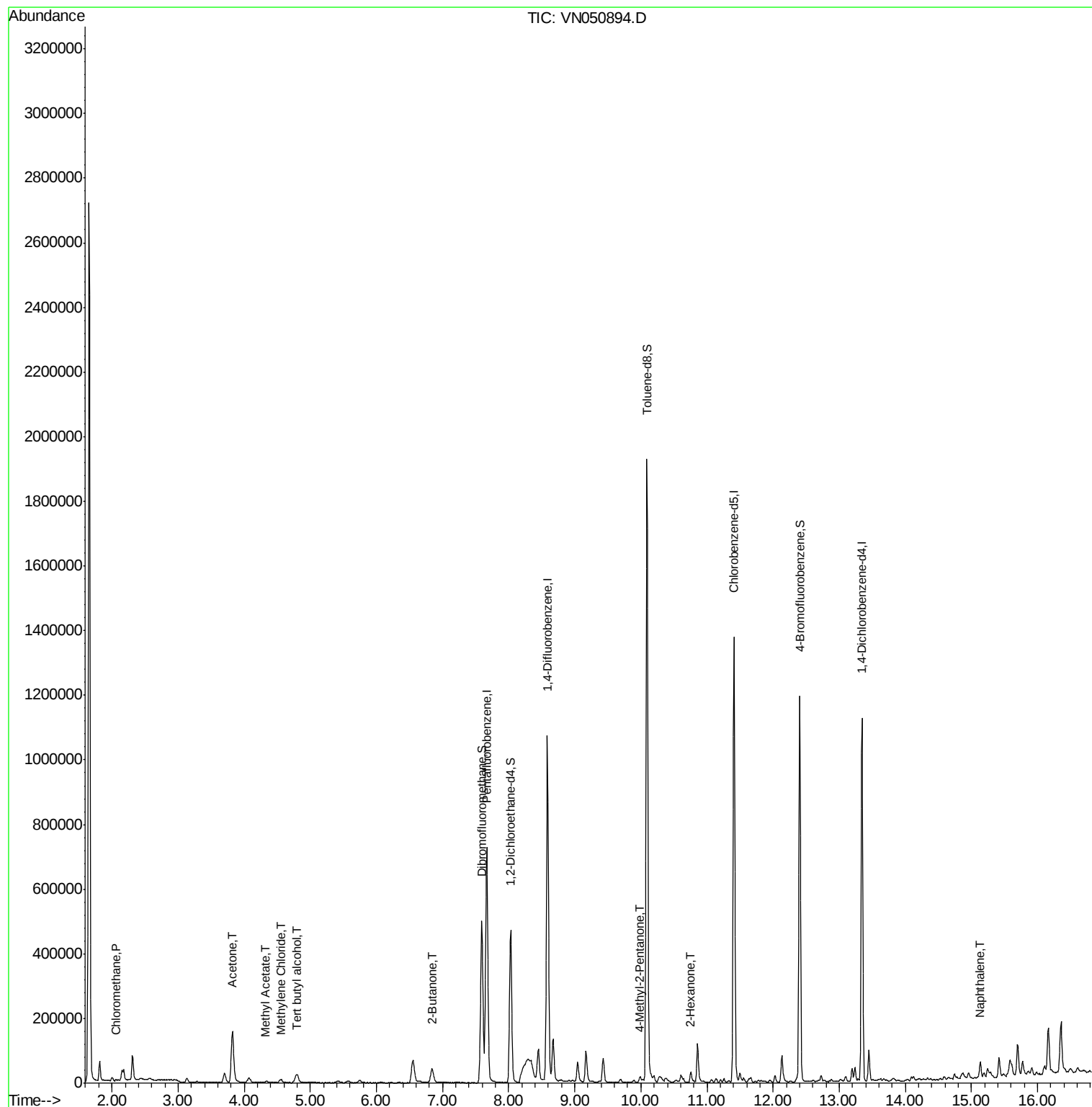
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
Data File : VN050894.D
Acq On : 27 Aug 2018 13:19
Operator : MD\SY
Sample : J4621-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

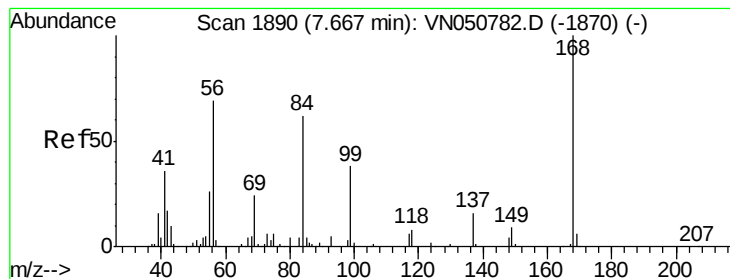
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Manual Integrations
APPROVED

MMDadoda
8/28/2018 12:20:24 PM

Quant Time: Aug 28 02:30:03 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050894.D

Acq: 27 Aug 2018 13:19

Instrument :

MSVOA_N

ClientSampled :

OILY-WATER

Tot Ion:168 Resp: 638898

Ion Ratio Lower Upper

168 100

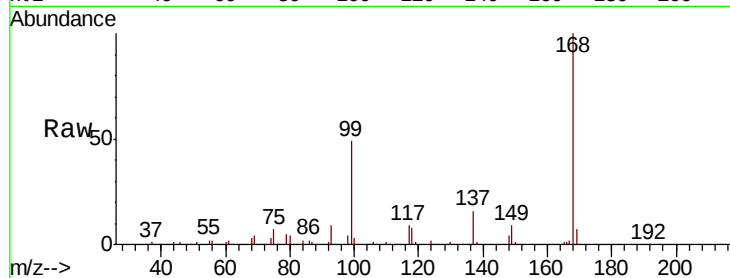
99 49.4 39.6 59.4

Manual Integrations

APPROVED

MMDadoda

8/28/2018 12:20:24 PM



Abundance Ion 167.90 (167.60 to 168.60): VN050894.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN050894.D (-1797) (-)

7.67

250000

200000

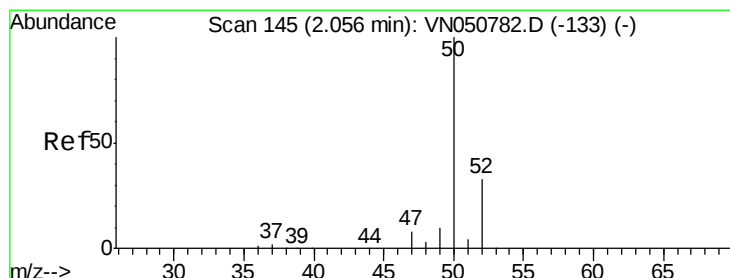
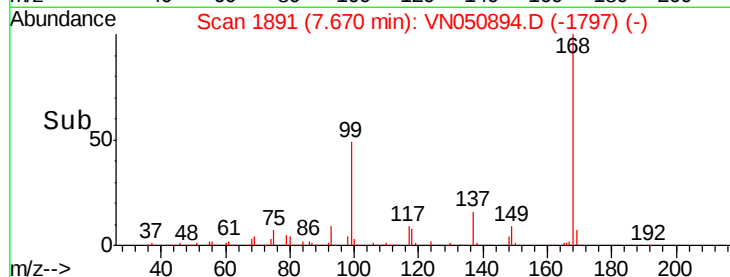
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050894.D

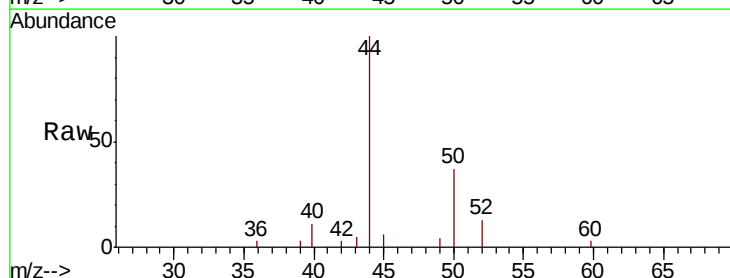
Acq: 27 Aug 2018 13:19

Tgt Ion: 50 Resp: 2783

Ion Ratio Lower Upper

50 100

52 34.3 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN050894.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN050894.D (-52) (-)

2.06

2500

2000

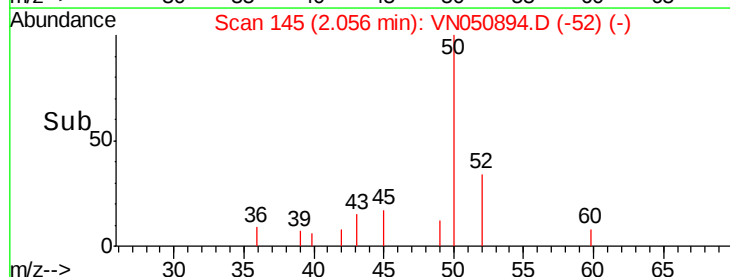
1500

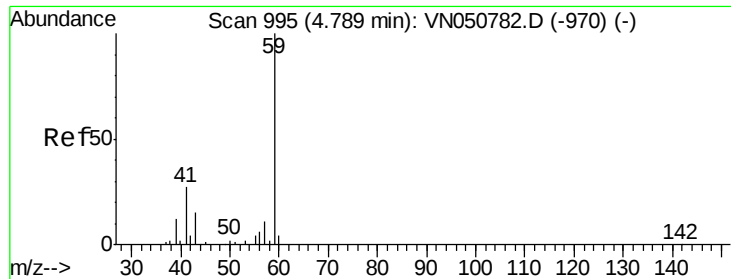
1000

500

0

Time-->





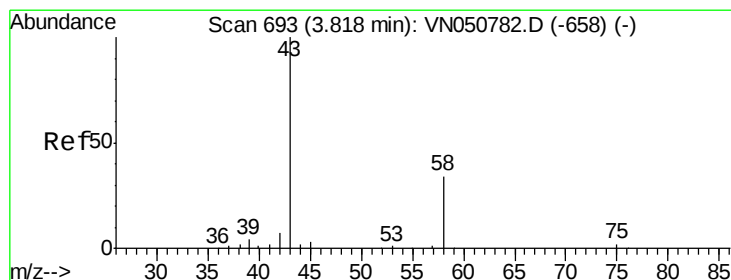
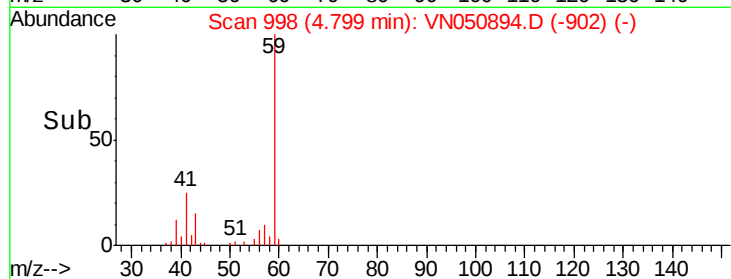
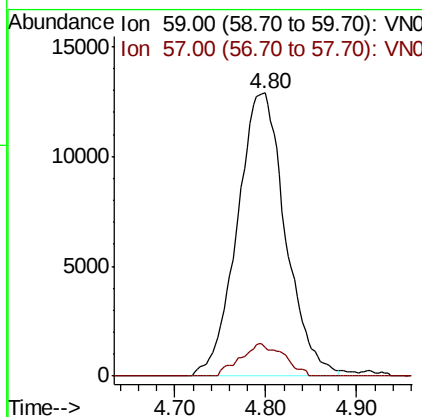
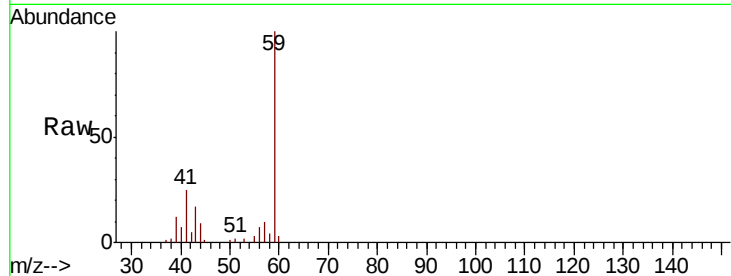
#11
Tert butyl alcohol
Concen: 96.74 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.01 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Tot Ion	59.00 (58.70 to 59.70): VN0	Resp	47382
Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

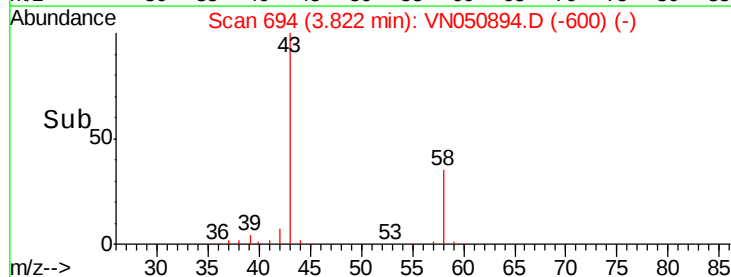
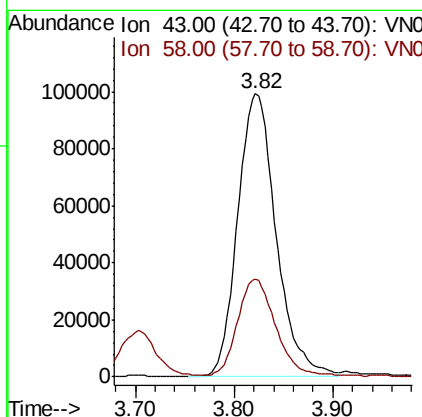
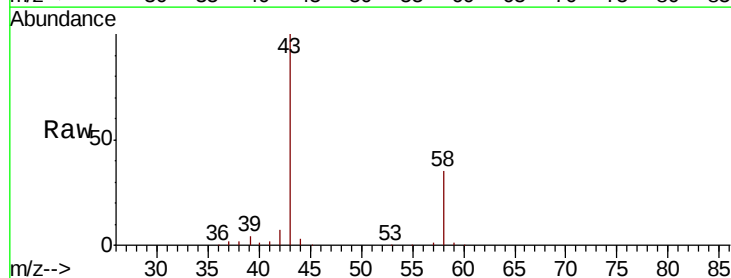
Manual Integrations
APPROVED

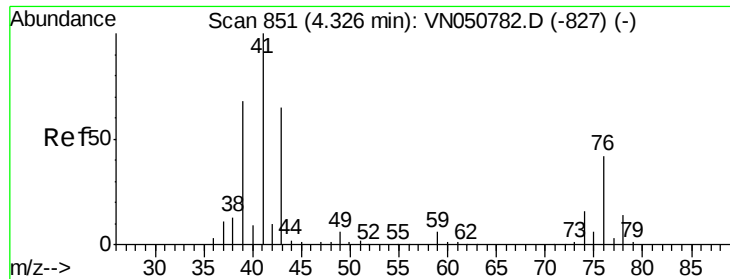
MMDadoda
8/28/2018 12:20:24 PM



#16
Acetone
Concen: 144.92 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion	43.00 (42.70 to 43.70): VN0	Resp	269365
Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.2	40.8





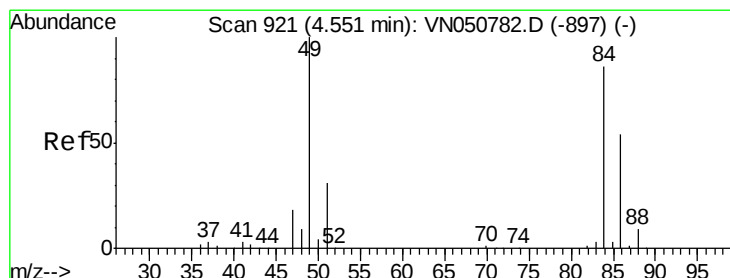
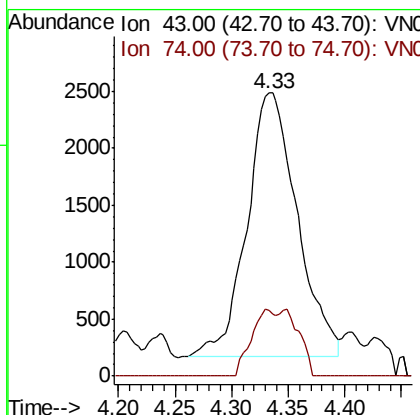
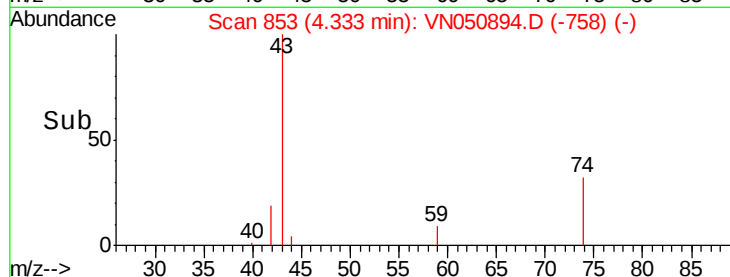
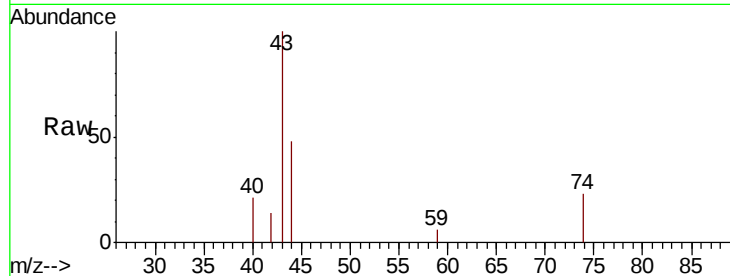
#18
Methyl Acetate
Concen: 0.98 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

Tot Ion: 43 Resp: 7114
Ion Ratio Lower Upper
43 100
74 12.3 19.8 29.8#

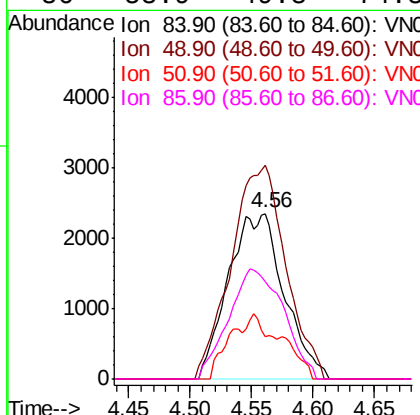
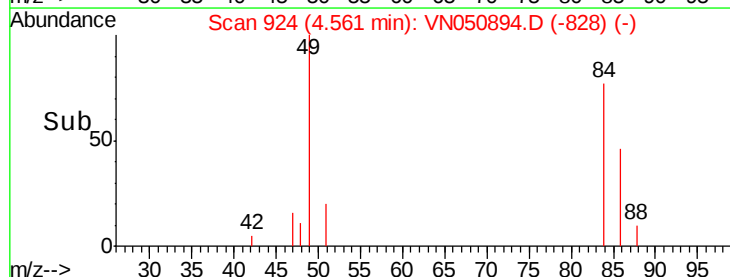
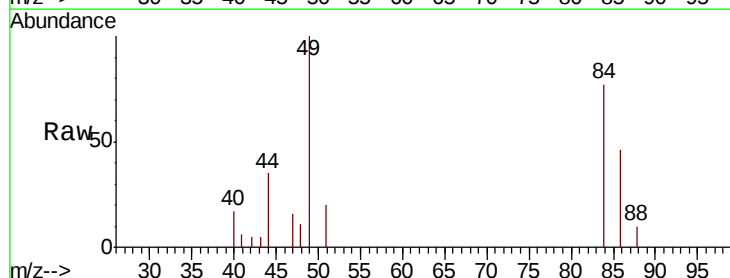
Manual Integrations
APPROVED

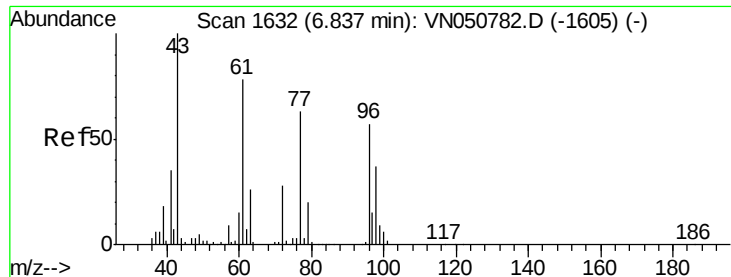
MMDadoda
8/28/2018 12:20:24 PM



#20
Methylene Chloride
Concen: 0.85 ug/l m
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion: 84 Resp: 7399
Ion Ratio Lower Upper
84 100
49 129.0 93.2 139.8
51 25.8 29.0 43.6#
86 58.9 49.8 74.8





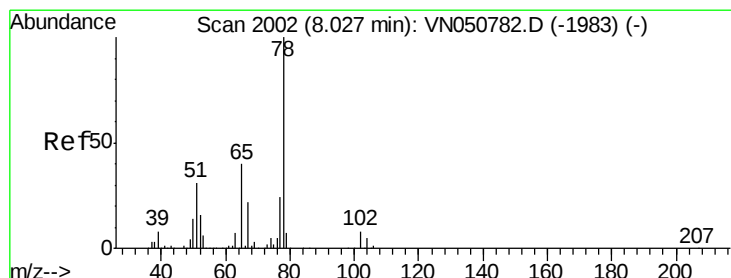
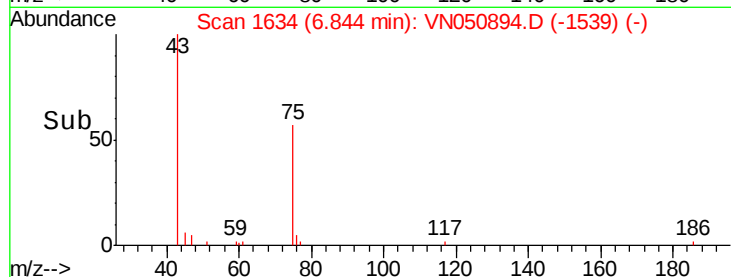
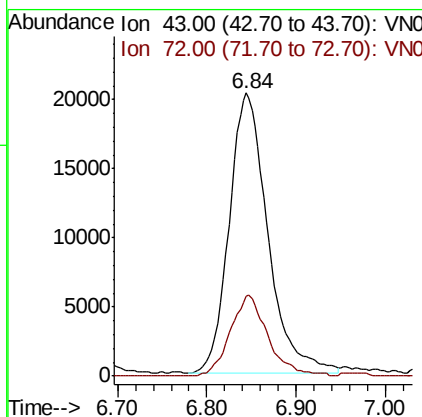
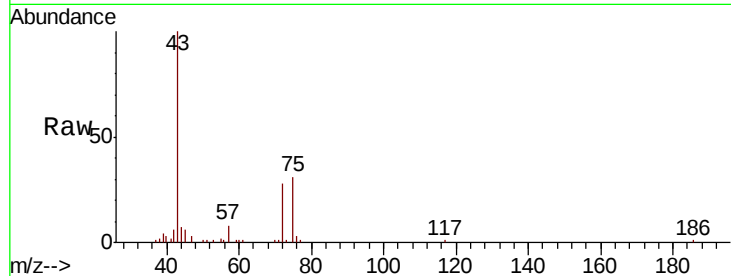
#25
 2-Butanone
 Concen: 19.78 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Tot Ion: 43 Resp: 61304
 Ion Ratio Lower Upper
 43 100
 72 28.3 22.3 33.5

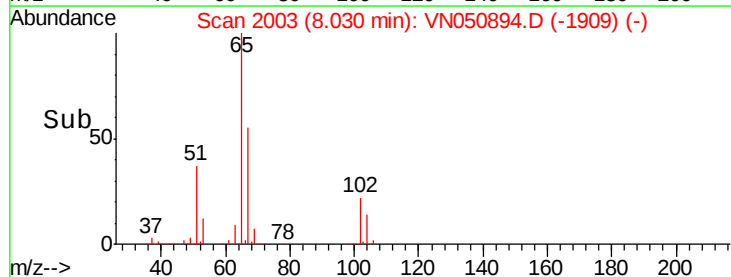
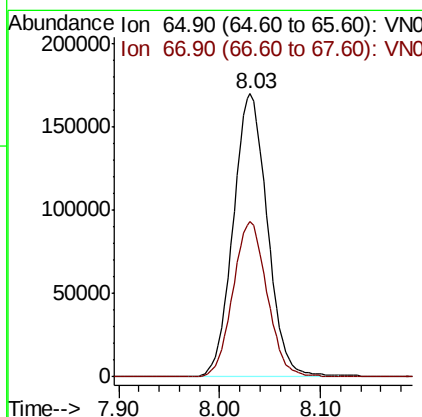
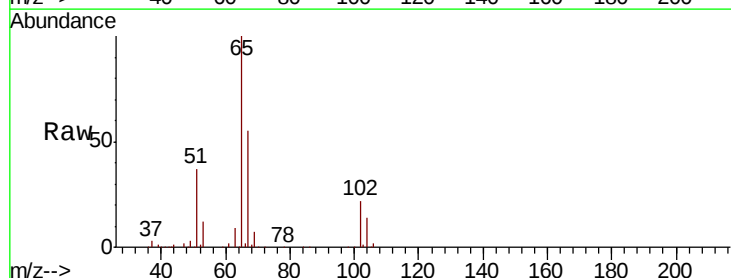
Manual Integrations
 APPROVED

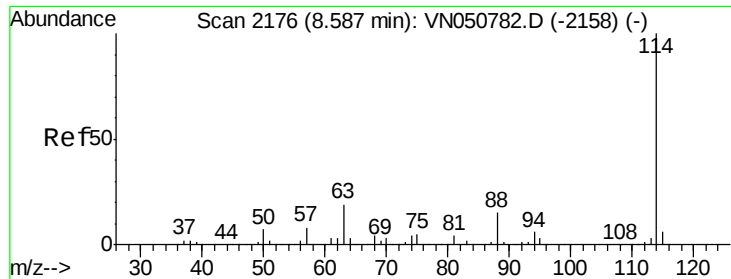
MMDadoda
 8/28/2018 12:20:24 PM



#33
 1,2-Dichloroethane-d4
 Concen: 51.75 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

Tgt Ion: 65 Resp: 398041
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4





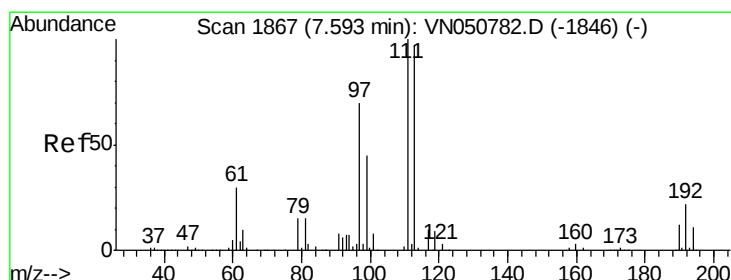
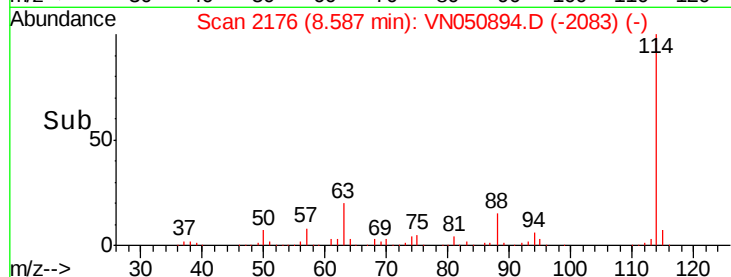
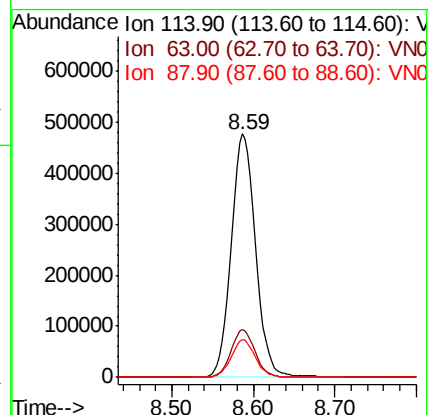
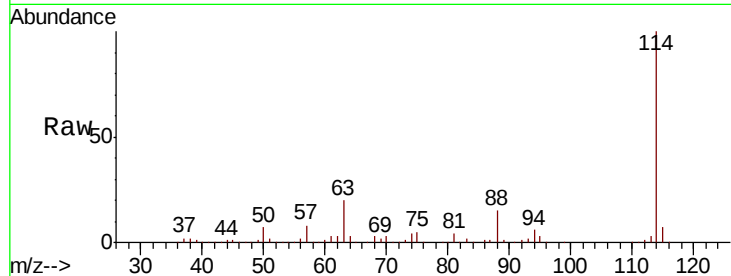
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.4	0.0	30.6

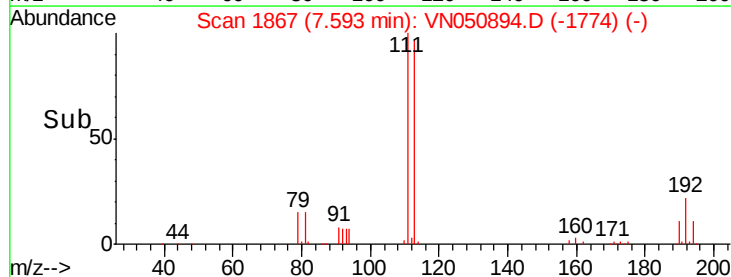
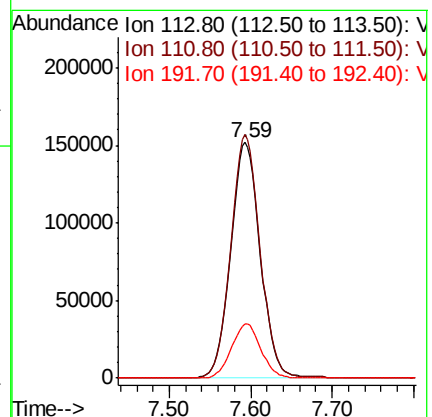
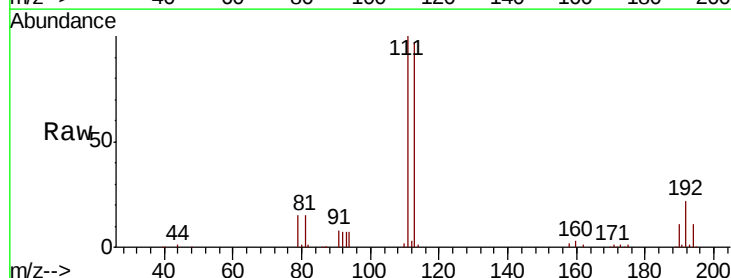
Manual Integrations
 APPROVED

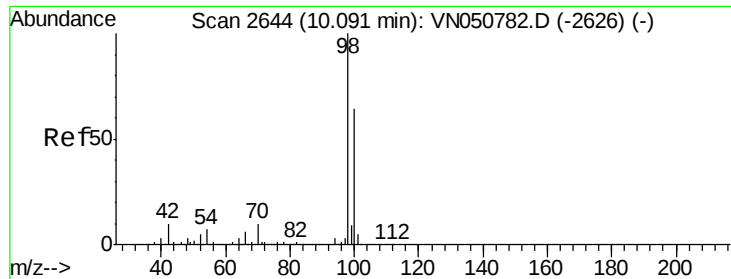
MMDadoda
 8/28/2018 12:20:24 PM



#35
 Dibromofluoromethane
 Concen: 48.07 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050894.D
 Acq: 27 Aug 2018 13:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	22.8	18.0	27.0





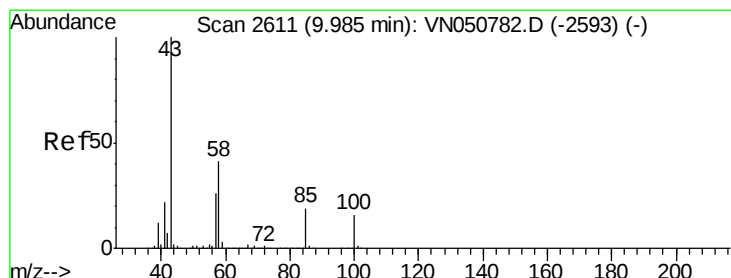
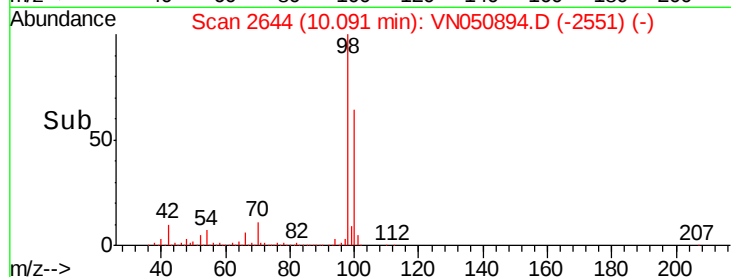
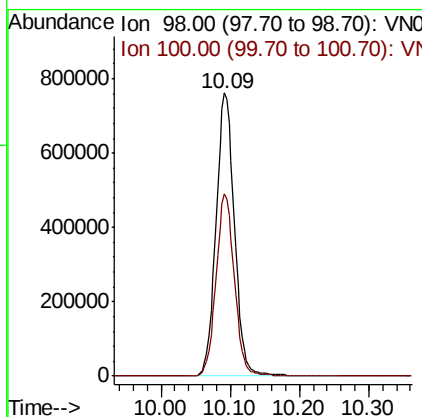
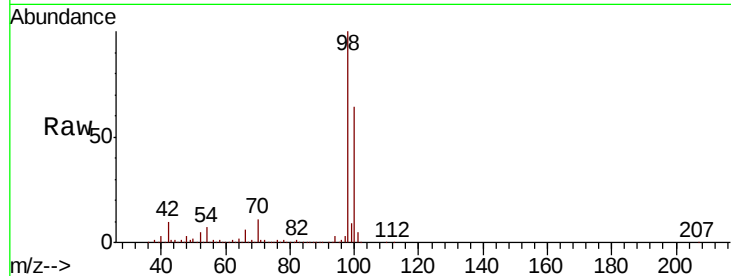
#50
Toluene-d8
Concen: 46.71 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Instrument :
MSVOA_N
ClientSampled :
OILY-WATER

Tot Ion: 98 Resp: 1402687
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

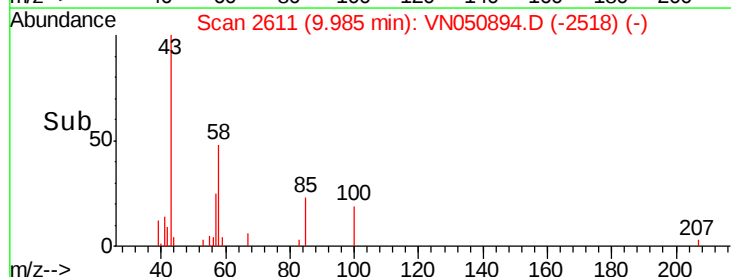
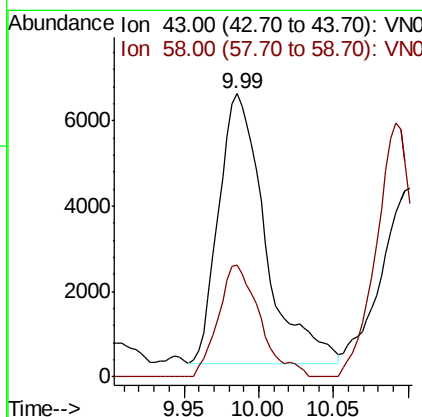
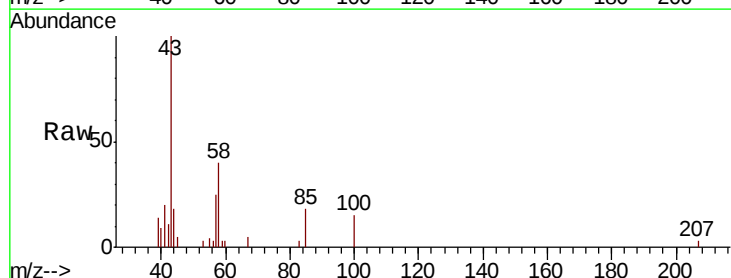
Manual Integrations
APPROVED

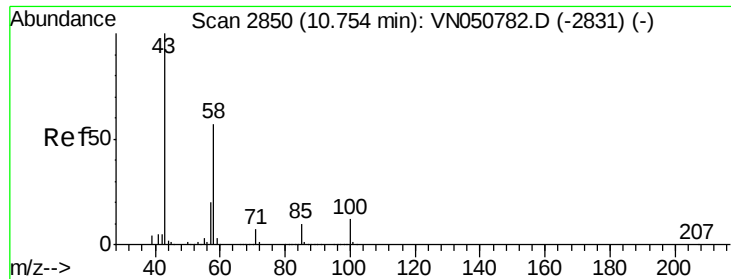
MMDadoda
8/28/2018 12:20:24 PM



#51
4-Methyl-2-Pentanone
Concen: 1.96 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion: 43 Resp: 13750
Ion Ratio Lower Upper
43 100
58 37.1 32.4 48.6





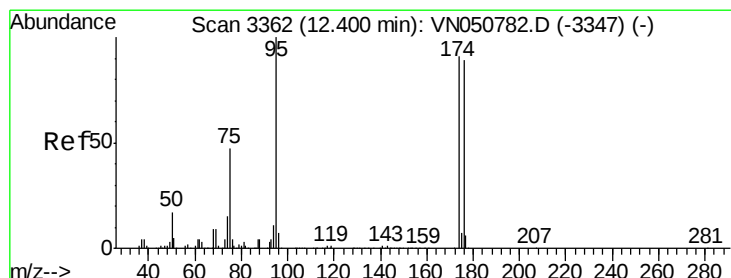
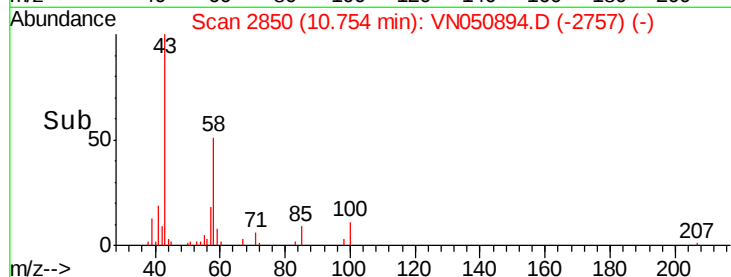
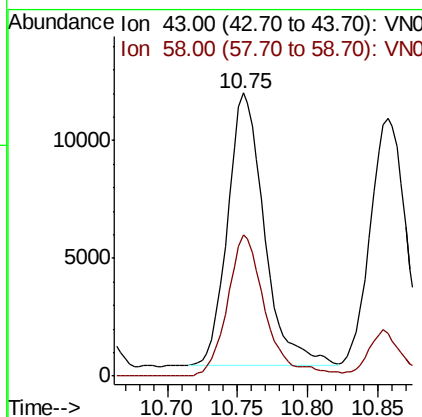
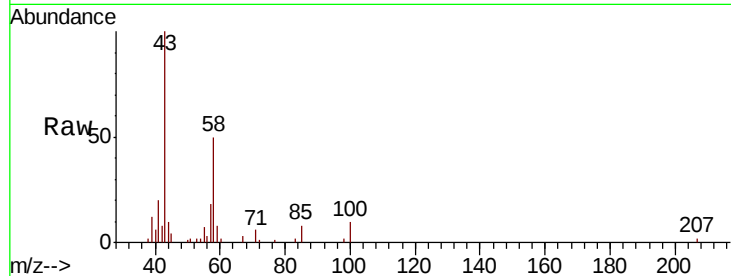
#59
2-Hexanone
Concen: 4.48 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Tot Ion	43	Resp	20934
Ion Ratio	100	Lower	Upper
43	100		
58	53.8	28.3	85.0

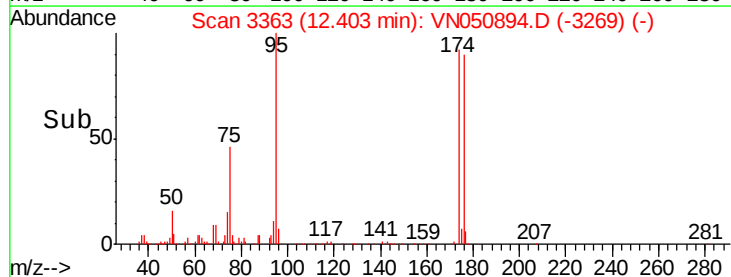
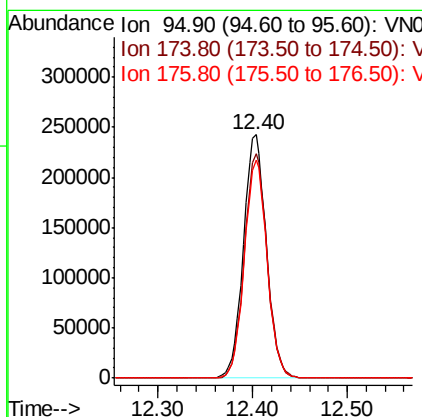
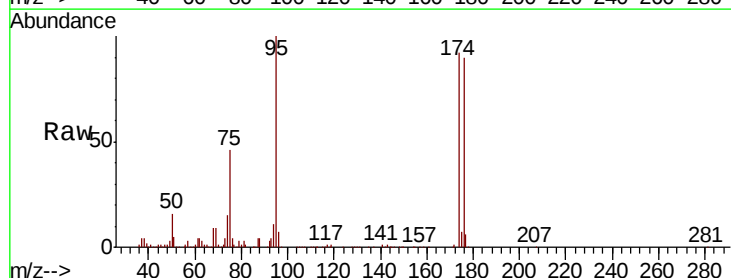
Manual Integrations
APPROVED

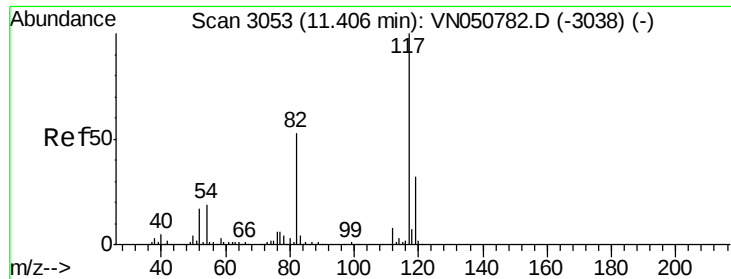
MMDadoda
8/28/2018 12:20:24 PM



#62
4-Bromofluorobenzene
Concen: 40.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion	95	Resp	406713
Ion Ratio	100	Lower	Upper
95	100		
174	92.0	0.0	183.0
176	88.9	0.0	178.8





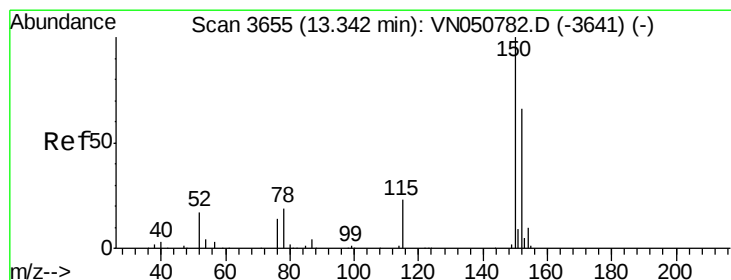
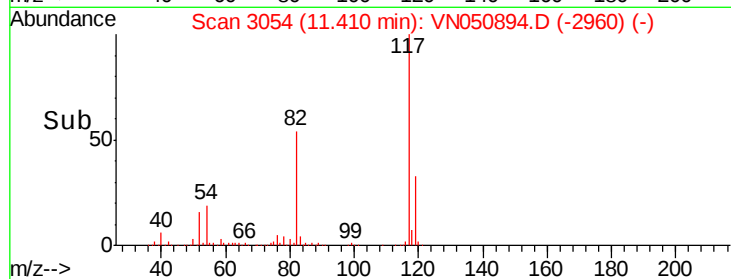
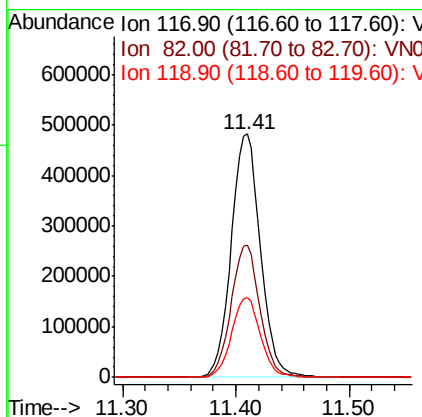
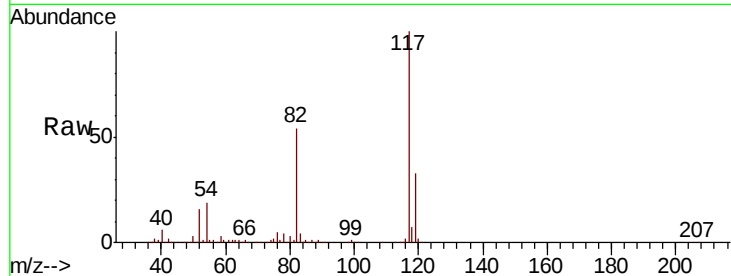
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Resp	Lower	Upper
117	100	865742		
82	54.4		42.6	64.0
119	32.8		25.8	38.6

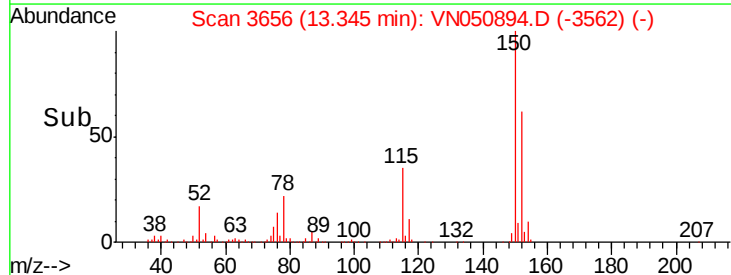
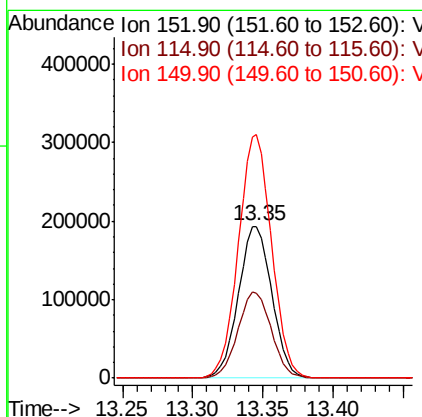
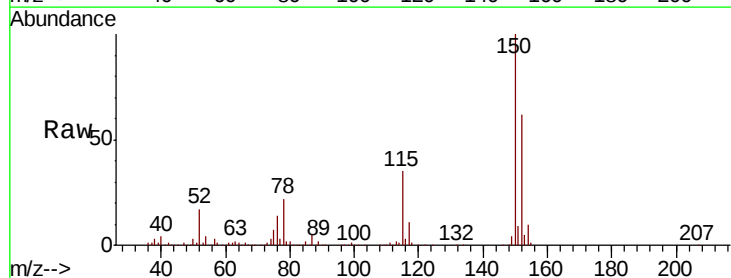
Manual Integrations
APPROVED

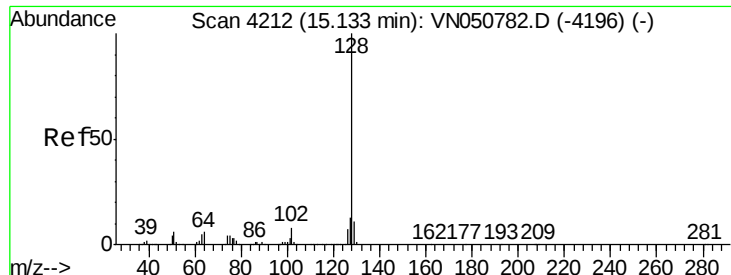
MMDadoda
8/28/2018 12:20:24 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	321966		
115	56.7		27.8	83.4
150	158.2		0.0	351.4





#95
Naphthalene
Concen: 8.34 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050894.D
Acq: 27 Aug 2018 13:19

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER

Tot Ion:	128	Resp:	42421
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.5	15.7
129	12.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/28/2018 12:20:24 PM

